

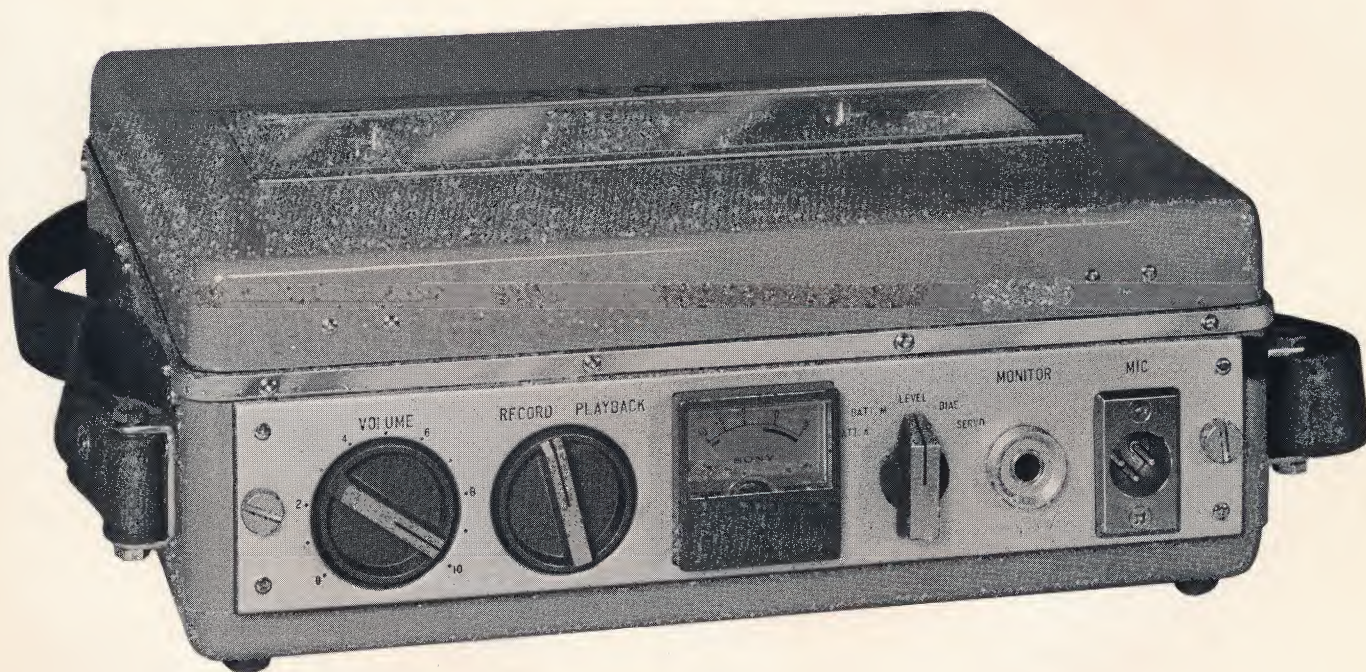
SONY®
RESEARCH MAKES THE DIFFERENCE

EM-2N PORTABLE BROADCAST TAPE RECORDER

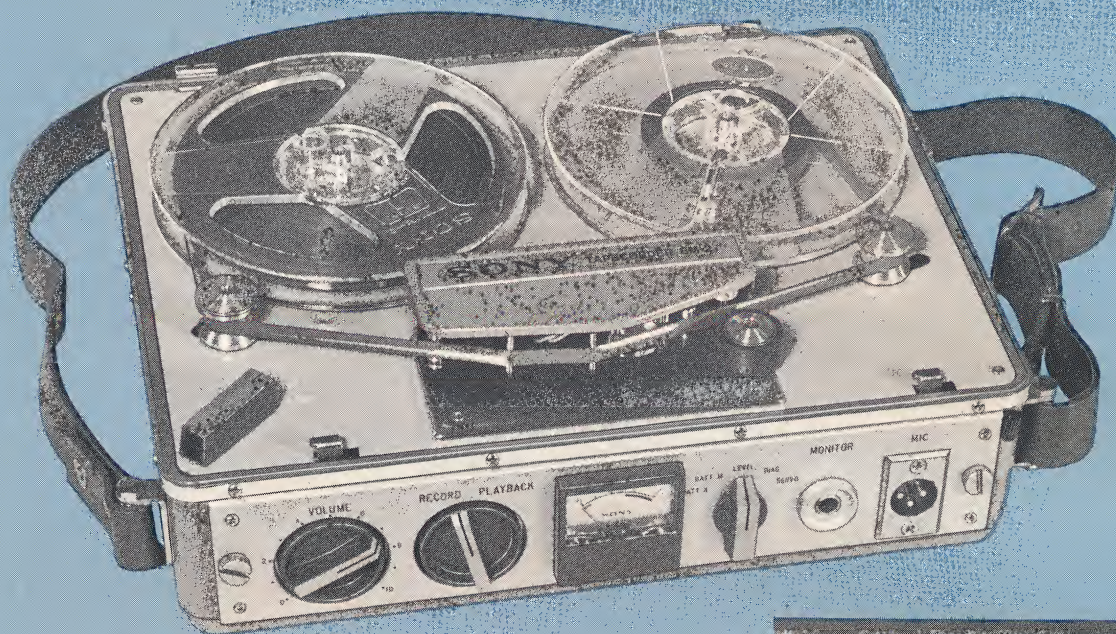
**FEATHERWEIGHT, EASY-TO-USE TRANSISTORIZED
AUDIO TAPE RECORDER FOR FIELD WORK -
PROVIDES PROFESSIONAL BROADCAST QUALITY**

The ideal tape recorder for the newsman or interviewer in the field, the new SONY Tape recorder EM-2N is a fully transistorized, lightweight unit that uses standard, inexpensive batteries to drive the tape transport as well as power the electronic system. A unique DC servo motor guarantees extremely steady tape speed with minimum wow and flutter, while the counterbalancing flywheel permits highly stable operation in recording even while walking or in moving vehicles.

■ Weighs only 11 lbs. with batteries and tape ■ Operates for 5 hours continuously on one set of batteries ■ Completely transistorized with rugged printed circuit construction to withstand severe abuse in the field ■ full-track recording at 7.5 ips on a 5" reel ■ Erase head permits elimination of errors and re-use of tape ■ Extremely simple in operation, with VU meter to check recording level and battery condition ■ Shockproof aluminum case with convenient shoulder carrying strap



EM-2N TAPE RECORDER



SPECIFICATIONS

Recording: AC bias, full track

Tape speed: 7.5 ips

Reel: up to 5"

Recording Medium: 1/4 inch wide magnetic recording tape

Heads: record/playback
erase

Motor: DC servo type

Wow, flutter: less than 0.1% wrms

Rewind, fast forward: less than 120 sec. with a 600 foot tape

Harmonic distortion: less than 2% at 10 db above the normal recording level

Bias Frequency: 80 kc

Equalization: NAB (CCIR available if specified)

Signal to noise ratio: better than 57 db

Frequency response: 50-15,000 cps

Power supply: motor—8 D cells
amplifiers—6 C cells

Input Impedance: 600 Ohms—70 dbm

Weight: 11 lbs. with batteries and tape

Size: 8 1/2 x 11 1/4 x 4 (W.D.H.)

ACCESSORIES

1 reel SONY tape

1 empty SONY reel

complete set of batteries

Crystal earphone

Optional: SONY dynamic microphone (F-91) with jack and stand



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